Title (en)

Control system

Title (de)

Kontrollsystem

Title (fr)

Système de contrôle

Publication

EP 2461459 B1 20170503 (DE)

Application

EP 11191278 A 20111130

Priority

DE 102010060938 A 20101201

Abstract (en)

[origin: EP2461459A2] The system has a control unit (30) comprising hardware with two computing cores (31) for executing two protection functions and with a memory (35), and interfaces (32-34) that are connected together. A control program (36') is stored in the memory, and the protection functions are executed by the memory in real-time. The control unit observes switching fields of a switching system. A parameter (37) for control functions of the switching system is stored in the memory of the control unit for executing the control functions in an accessible manner. An independent claim is also included for a method for ensuring secure operation of an electric energy system.

IPC 8 full level

H02H 7/26 (2006.01); **H02J 13/00** (2006.01)

CPC (source: EP US)

H02H 7/26 (2013.01 - EP US); **H02J 13/00002** (2020.01 - EP US); **H02J 13/00034** (2020.01 - EP US); **H02J 13/0004** (2020.01 - EP US); Y02E 60/00 (2013.01 - EP); Y04S 10/30 (2013.01 - EP)

Citation (examination)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2461459 A2 20120606; **EP 2461459 A3 20130403**; **EP 2461459 B1 20170503**; DE 102010060938 A1 20120606; DE 102010060938 A8 20121031

DOCDB simple family (application)

EP 11191278 A 20111130; DE 102010060938 A 20101201